

9/769272

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEW

The drawings, filed on 04/27/01, are:

A. ☒ approved by the Draftsperson under 37 CFR 1.84(a)(1)-(3).B. ☒ objected to by the Patent Examiner under 37 CFR 1.84(a)(1)-(3) of the rules, in whole or in part. The Examiner is ready to submit the drawings when necessary. A corrected drawing must be submitted according to the instructions on the back of this notice.1. DRAWING (37 CFR 1.84(a)) Acceptable category of drawings:  
Black ink, color

Color drawing not acceptable until prior is registered

Fig(s) \_\_\_\_\_

Pen(s) and con black ink not permitted Fig(s) \_\_\_\_\_

2. PHOTOGRAPHY (37 CFR 1.84(b))

Title (one set) is required Fig(s) \_\_\_\_\_

Photograph(s) may not be mounted (37 CFR 1.84(c))

Poor quality (half-tone) Fig(s) \_\_\_\_\_

3. TYPE OF PAPER (37 CFR 1.84(c))

Paper not flexible, strong, white, and durable

Fig(s) \_\_\_\_\_

Eraser(s), alterations, over erasures, and line art(s)

Full copy machine marks not accepted Fig(s) \_\_\_\_\_

Material (e.g., paper) not acceptable in water

Fig(s) \_\_\_\_\_

4. SIZE OF PAPER (37 CFR 1.84(d)) Acceptable size(s)

11 in. by 29.7 cm (D) Size A4

11 in. by 27.9 cm (S) 1/2 x 11 in. (S)

All drawings, sheets not the same size

Sheet (S) \_\_\_\_\_

Drawings sheets not an acceptable size Fig(s) \_\_\_\_\_

5. MARGINS (37 CFR 1.84(e)) Acceptable margin(s)

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A4 (S)

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8.12 x 11

Margin(s) not acceptable Fig(s) \_\_\_\_\_

Top (T) \_\_\_\_\_

Left (L) \_\_\_\_\_

Right (R) \_\_\_\_\_

Bottom (B) \_\_\_\_\_

6. VIEWS (37 CFR 1.84(f))

REMARK: Specification may require revision to

correspond to drawing changes

Partial view(s) (37 CFR 1.84(h)(2))

Brackets needed to show figure as one entity

Fig(s) \_\_\_\_\_

View(s) not labeled separately or properly

Fig(s) \_\_\_\_\_

Enlarged view not labeled separately or properly

Fig(s) \_\_\_\_\_

7. SECTIONAL VIEWS (37 CFR 1.84(h)(3))

Hatching not indicated for sectional portions of an object

Fig(s) \_\_\_\_\_

Section designation should be noted with symbol or

Roman numbers Fig(s) \_\_\_\_\_

8. ARRANGEMENT OF VIEWS (37 CFR 1.84(i))

Views do not appear in a logical, left to right fashion

when page is either upright or read so that the top

becomes the right side, except for graphs Fig(s) \_\_\_\_\_

9. SCALE (37 CFR 1.84(j))

Scale not large enough to show measurement without

crossing when drawing is reduced in size to two-thirds in

reproduction

Fig(s) \_\_\_\_\_

10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS

(37 CFR 1.84(k))

Lines, numbers &amp; letters not uniformly black and well

defined Fig(s) \_\_\_\_\_

Fig(s) \_\_\_\_\_

11. SHADING (37 CFR 1.84(l))

Solid black areas pale Fig(s) \_\_\_\_\_

Solid black shading not permitted Fig(s) \_\_\_\_\_

Scale line is pale, rough and blurry Fig(s) \_\_\_\_\_

12. NUMBER OF LETTERS &amp; REFERENCE CHARACTERS

(37 CFR 1.84(p))

Numbers and reference characters not uniform and legible

Fig(s) \_\_\_\_\_

Fig(s) \_\_\_\_\_

Numbers and reference characters not oriented in the

vertical direction of the view (37 CFR 1.84(p)(1))

Fig(s) \_\_\_\_\_

Font is a phobetic font (37 CFR 1.84(p)(2))

Fig(s) \_\_\_\_\_

Numbers, letters and reference characters must be at least

1/2 cm (1/8 inch) in height (37 CFR 1.84(p)(3))

Fig(s) \_\_\_\_\_

13. LEAF LINES (37 CFR 1.84(q))

Leaf line crosses each other Fig(s) \_\_\_\_\_

Leaf line missing Fig(s) \_\_\_\_\_

14. NUMBERING OF SHEETS OF DRAWINGS (37 CFR 1.84(r))

Sheet not numbered consecutively and in Arabic numerals

beginning with number 1 Sheet(s) \_\_\_\_\_

15. NUMBERING OF VIEWS (37 CFR 1.84(s))

View not numbered consecutively and in Arabic numerals

beginning with number 1 Fig(s) \_\_\_\_\_

16. CORRECTIONS (37 CFR 1.84(w))

Corrections not made from prior PTO-945

drawings

Fig(s) \_\_\_\_\_

17. DESIGN DRAWINGS (37 CFR 1.152)

Surface shading shows not appropriate Fig(s) \_\_\_\_\_

Solid black shading not used for color contrast

Fig(s) \_\_\_\_\_

## COMMENTS

- Delete extra '6' w/o lead line (Fig 20B)

- Fig legends w/ lead lines (Fig 1A, 1B)

- Fig legend placed incorrectly (Fig 13)

- Exaggerated line(s) on (Fig 13)

- Solid-lined part(s) must be drawn to show illumination

(Fig 18A)

REVIEWER

DATE

2/20/03

TELEPHONE NO.

7033058404

ATTACHMENT TO PAPER NO.

11

- Reference number # 2(?) placed improperly

(Fig 36A)

- Reference label too close to parts of (Fig 36A)

Attachment for PTO-948 (Rev. 03/01, or earlier)  
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

**INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

**1. Correction of Informalities -- 37 CFR 1.85**

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

**2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.**

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

**Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.